

REMARKS

Claims 1-71 were pending in the application. Claim 70 has been cancelled. Claims 1, 46, 69, and 71 have been amended. Claims 1-69 and 71 are currently pending in the application.

35 U.S.C. § 101 Rejection:

In light of the cancellation of claim 70, Applicant submits that the 35 U.S.C. § 101 rejection thereto is now moot.

35 U.S.C. § 102 and § 103 Rejections:

Claims 1-35, 39-62, 66-69 and 71 were rejected under 35 U.S.C. § 102(b) as being anticipate by Beach, U.S. Patent Application Publication 2001/0055283. Claims 36-38 and 63-65 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Beach in view of Campbell, NPL, November 2000. Applicant respectfully traverses these rejections.

With respect to the § 102(b) rejection, **the cited reference fails to teach or suggest all of the elements of the independent claims.** Beach teaches “[A] wireless local area network [is] provided with simplified RF ports which are configured to provide lower level media access control functions. Higher level media access control functions are provided in a cell controller, which may service one or more RF ports that are capable operating with at least two wireless local area subnetworks occupying common physical space. Mobile units can also be configured with the higher level media access control functions being performed in a host processor.” (Abstract, Beach).

Applicant’s independent claim 1 recites, in pertinent part:

“A method of performing encrypted WLAN (Wireless Local Area Network) communication, comprising the steps of: ...

wherein said connection set-up is performed by executing software-implemented instructions of said driver software without exchanging intermediate data with said WLAN chip; and

wherein said data frame encapsulation and/or decapsulation is performed by operating single-purpose hardware of said WLAN chip **without executing** software-implemented instructions of said driver software” (Emphasis added).

Independent claims 46, 69, and 71 recite similar combinations of features.

Beach does not teach or suggest this combination of features. In particular, Beach fails to teach or suggest a method including setting up a connection for encrypted WLAN communication “wherein said connection set-up is performed by executing software-implemented instructions of said driver software without exchanging intermediate data with said WLAN chip” and wherein encapsulation and/or decapsulation of data frames “is performed by operating single-purpose hardware of said WLAN chip **without executing** software-implemented instructions of said driver software.” Beach provides no teaching or suggestion of separating software and hardware functions in the manner recited in the independent claims.

For at least these reasons, Applicant submits that a case of anticipation has not been established. Accordingly, removal of the § 102(b) rejection is respectfully requested.

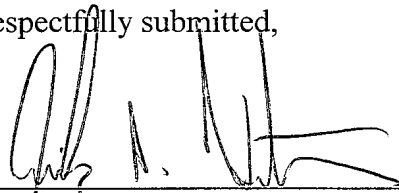
With regard to the § 103(a) rejection, Applicant notes that this rejection is directed to claims which depend from the independent claims discussed above, wherein Beach is relied upon as the primary reference. Accordingly, for at least the reasons stated above, Applicant submits that the prior art references, taken singly or in combination, fail to teach or suggest all of the elements of the independent claim. Applicant therefore respectfully requests removal of the 35 U.S.C. § 103(a) rejection.

CONCLUSION

Applicant submits the application is in condition for allowance, and an early notice to that effect is requested.

If any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert, & Goetzel, P.C. Deposit Account No. 501505/5800-00601/EAH.

Respectfully submitted,



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